

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>P37580-P0</b>	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/JP2005/009496</b>	International filing date (day/month/year) <b>18/05/2005</b>	(Earliest) Priority Date (day/month/year) <b>25/05/2004</b>
Applicant  <b>MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 9

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☒ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

10/586256  
IAP11 Rec'd PCT/PTO 17 JUL 2006

International application No.

PCT/JP2005/009496

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The present invention aims to provide a wireless IC communication device working as an RFID blockertag or card that can prevent information from being read out without permission of an owner of items to each of which the wireless IC communication device is attached. The wireless IC communication device includes: a slot number obtainment unit (502) that obtains the number of time slots; a response slot information storage unit (504) that stores response slot information indicating a condition for sending an initial response to the reader/writer in the same time slot as the time slot in which at least one of other wireless IC communication devices sends an initial response; a response slot determination unit (501) that determines the time slot in which the initial response should be sent to the reader/writer; and a response unit (503) that sends the initial response to the reader/writer.

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06K19/07 G06K7/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 2004/102313 A (RSA SECURITY INC) 25 November 2004 (2004-11-25) page 17, line 25 - page 22, line 8; figures 6,7	1-7,9-12
Y	----- EP 1 321 889 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 25 June 2003 (2003-06-25) paragraphs '0003! - '0018! ----- -/--	1-7,9-12

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

19 August 2005

Date of mailing of the international search report

31/08/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JUELS, RIVEST, SZYDLO: "The Blocker Tag: Selective Blocking of RFID tags for Consumer Privacy" CONFERENCE ON COMPUTER AND COMMUNICATIONS SECURITY 2003, ACM PRESS, October 2003 (2003-10), pages 103-111, XP002341165 Washington DC ISBN: 1-58113-738-9 page 106 - page 110 -----	1-7,9-12
A	DE 297 14 999 U1 (TREBE ELEKTRONIK GMBH & CO. KG, 35606 SOLMS, DE) 9 October 1997 (1997-10-09) the whole document -----	1
A	FINKENZELLER, KLAUS: "RFID-Handbuch" 26 September 2002 (2002-09-26), CARL HANSER VERLAG, MÜNCHEN, WIEN, XP002341283 ISBN: 3-446-22036-4 Anti-collision protocols pages 203-224 -----	1-12

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2005/009496

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 2004102313	A	25-11-2004	US 2004223481 A1 WO 2004102313 A2	11-11-2004 25-11-2004
EP 1321889	A	25-06-2003	EP 1321889 A2 JP 2003248799 A US 2003116626 A1	25-06-2003 05-09-2003 26-06-2003
DE 29714999	U1	09-10-1997	NONE	